Preliminary

JVC

SCHEMATIC DIAGRAMS

COLOUR TELEVISION

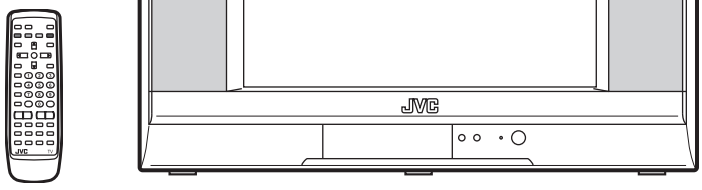
AV-2186ME, AV-21MS16/H, AV-21MS26, AV-21MX16/G, AV-21MX16/S, AV-21MX56/S, AV-21MX76/G

CD-ROM No.SML200607

BASIC CHASSIS
CW3

InteriArt

MaxxBass®



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No.YA442
2006/7

AV-2186ME, AV-21MS16/H, AV-21MS26, AV-21MX16/G, AV-21MX16/S, AV-21MX56/S, AV-21MX76/G

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Othters ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

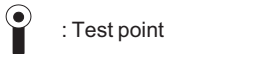
(3)Coils

No unit	: [μH]
Others	: As specified

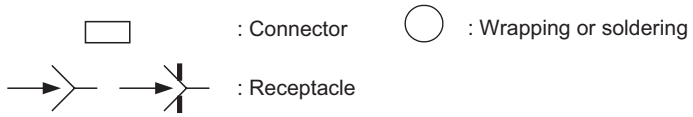
(4)Power Supply

∗ Respective voltage values are indicated

(5)Test point



(6)Connecting method



(7)Ground symbol

⊥ : LIVE side ground

⏚ : ISOLATED(NEUTRAL) side ground

⏚ : EARTH ground

▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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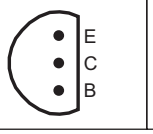
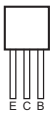
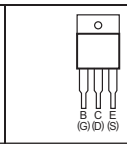
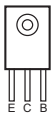
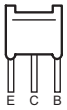
USING P.W. BOARD

P.W.B ASS'Y name	AV-2186ME	AV-21MX56/S	AV-21MX76/G	AV-21MS16/H
MAIN P.W. BOARD	SCW-1901A-H2	SCW-1911A-H2	SCW-1908A-H2	SCW-1903A-H2
BASS P.W. BOARD	SCW-6001A-H2	←	←	←

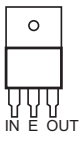
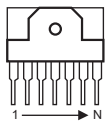
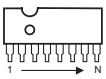
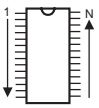
P.W.B ASS'Y name	AV-21MS26	AV-21MX16/G	AV-21MX16/S
MAIN P.W. BOARD	SCW-1902A-H2	SCW-1910A-H2	SCW-1912A-H2
BASS P.W. BOARD	SCW-6001A-H2	←	←

SEMICONDUCTOR SHAPES

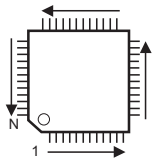
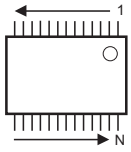
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

IC

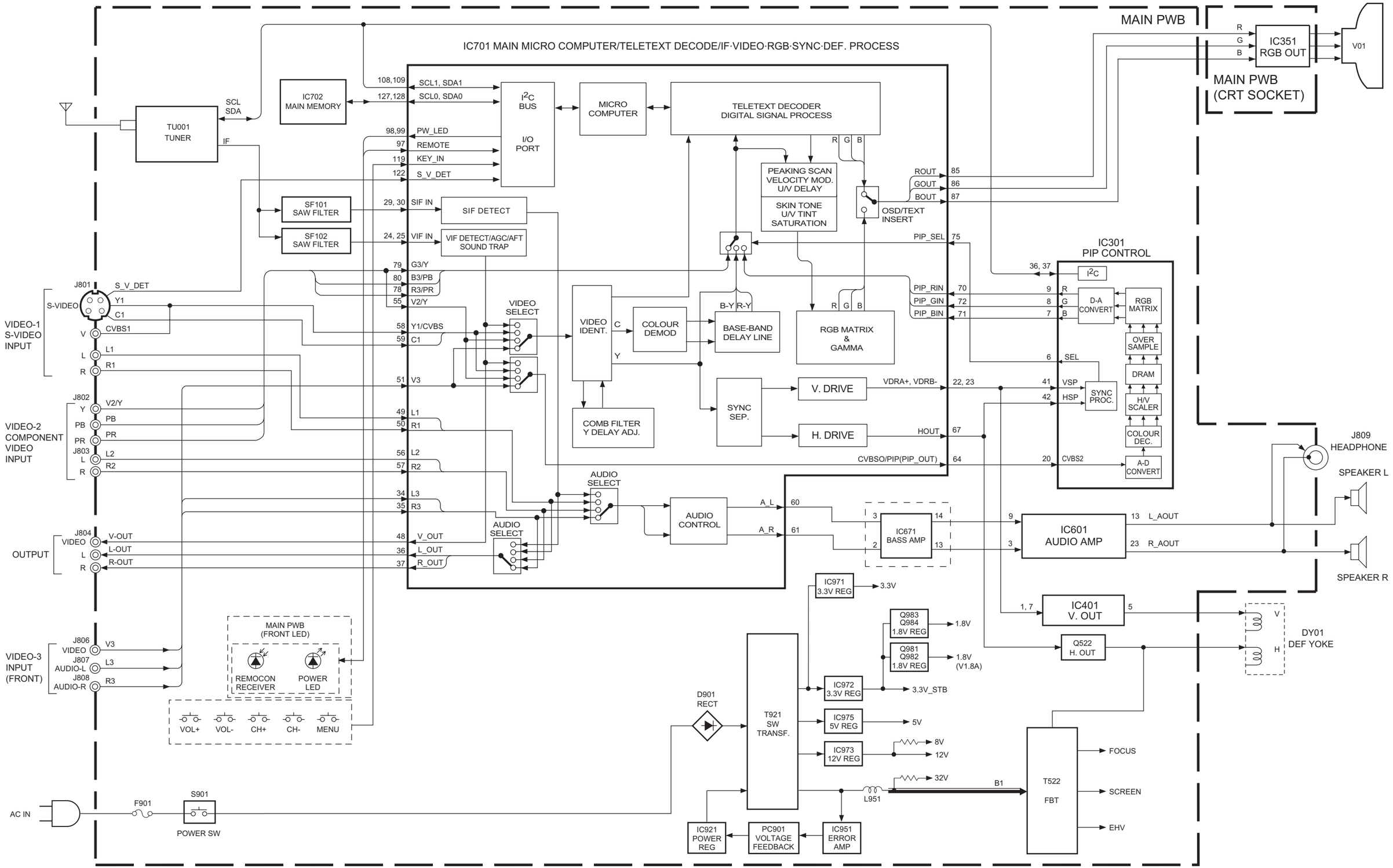
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

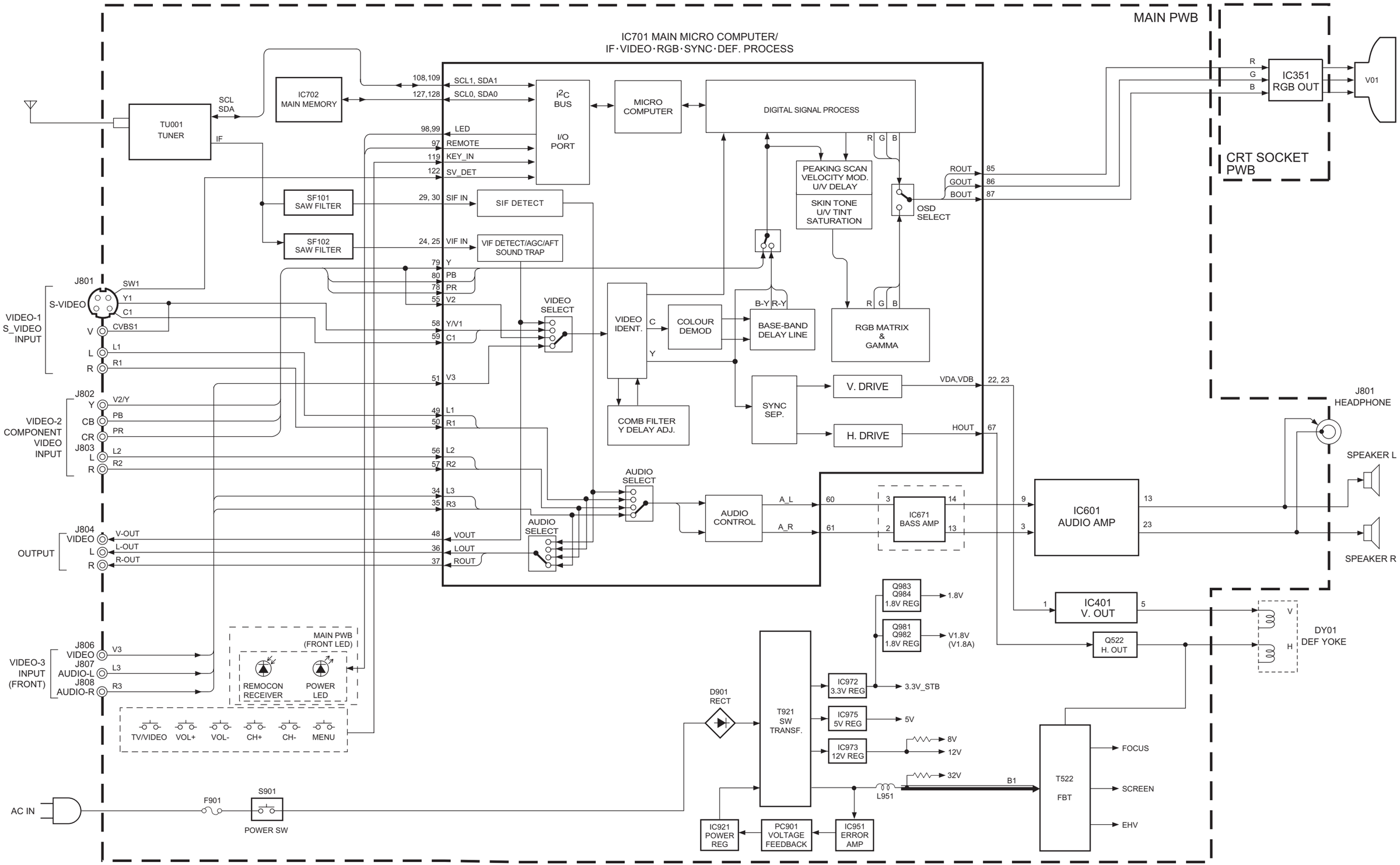
TOP VIEW		
		

BLOCK DIAGRAMS

[AV-2186ME, AV-21MX56/S,AV-21MX76/G]



[AV-21MS16/H, AV-21MS26, AV-21MX16/G, AV-21MX16/S]



CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM [AV-2186ME, AV-21MX56/S, AV-21MX76/G] (1/4), (2/4) SHEET1

MAIN PWB ASS'Y (2/4) [FRONT LED]
SCW-1901A-H2 [AV-2186ME], SCW-1911A-H2 [AV-21MX56/S],
SCW-1908A-H2 [AV-21MX76/G]

MAIN PWB (4/4) SHEET2
(CRT SOCKET)
CN10T

VIDEO-3
INPUT

HEADPHONE JACK

POWER
LED (RED)

SPEAKER

VIDEO-1
S-VIDEO
INPUT

VIDEO-2
COMPONENT
VIDEO
INPUT

OPEN

OUTPUT

AUDIO AMP

IC702

IC701

MAIN MICRO COMPUTER /
TELETEXT DECODE /
IF CIDEO RGB SYNC DEF.PROCESS

MAIN PWB (3/4)
SHEET2

BASS PWB ASS'Y
SHEET7 CN00M

c21244001a.001_1/2

DIFFERENCE PART LIST

	AV-21MX76/GA	AV-21MX56/SA
	SCW-1908A	SCW-1911A
IC701	Refer to NOTE	Refer to NOTE
SP101	QAX0972-001	QAX0663-001

MAIN PWB ASS'Y (1/4)
SCW-1901A-H2 [AV-2186ME]
SCW-1911A-H2 [AV-21MX56/S]
SCW-1908A-H2 [AV-21MX76/G]

NOTE
BW:QLV160-050Y
X:NON MOUNT
0:NRSA63J-0R0X
*1:2SC3928A/GR/-X
*2:2SA1530A/GR/-X
*3:MA111-X
*4:NQR0199-004X
*5:UN2212-X
*6:UN2226-X
*7:KTC3199/YG/-X
*8:MA8091/H/-X
*9:MA8075/H/-X

Note: 1. Please refer to parts list for the part number of IC701 and IC702.
2. Please refer to page 2-25 for voltages of this circuit diagram.
3. Please refer to page 2-26 for waveforms of this circuit diagram.

MAIN PWB CIRCUIT DIAGRAM [AV-2186ME, AV-21MX56/S, AV-21MX76/G] (3/4), (4/4) SHEET 2

MAIN PWB (1/4) SHEET1

MAIN PWB (1/4) SHEET1 CN00T

AC110V-AC240V
50Hz/60Hz

DEG COIL

LIVE (⏚) ISOLATED (⏚)

MAIN PWB ASS'Y (4/4)
(CRT SOCKET)
SCW-1901A-H2 [AV-2186ME]
SCW-1911A-H2 [AV-21MX56/S]
SCW-1908A-H2 [AV-21MX76/G]

OPEN

ADJUSTMENT CONNECTOR

DEF YOKE

DIFFERENCE PART LIST

	AV-21K760A		
	AV-2186ME-A		AV-21MX56SA
	SCW-1901A	SCW-1908A	SCW-1911A
VD1	A51AKL13X26K/AV	A51GSA993X	A51AKL13X26K/AV
DY01	WITH ITC	QQD0195-001	WITH ITC
POWER CORD	QMP8340-165*+02	QMP8340-165*+02	QMP8050-165*-JC
R431	QRR1212J-271X	X	QRR1212J-271X
R432	QRR1012J-392	QRR0702J-2R7	QRR0702J-2R7
R433	QRR1212J-332X	QRE1212J-122X	QRR1212J-332X
L551	QQL2026-280	QQL2026-246	QQL2026-280
R582	QRR1212J-154X	QRE1212J-154X	QRR1212J-154X
R583	QRR1212J-274X	QRE1212J-154X	QRR1212J-274X
C525	QFZ20196-472	QFZ20196-502	QFZ20196-472
C526	QFZ20196-203	QFZ20196-152	QFZ20196-203
C527	QFZ20197-124	X	QFZ20197-124
C528	QFP102DJ-563	QFP152DJ-563	QFP102DJ-393
C582	QFZ20197-124	QFZ20197-204	QFZ20197-124
C906	QEZ0003-227	QEZ0476-227	QEZ0476-227
C524	QFZ20196-223	QFZ20196-252	QFZ20196-223
L622	QQR1005-004	QQR1005-002	QQR1005-004

NOTE

BW:QUY160-100Y
X:OPTION (OPEN)
O:NRSA63J-OROX
*1:2SC3928A/QR/-X
*2:2SA1530A/QR/-X
*3:MA111-X
*4:MA3100/M/-X
*5:UN2212-X
*6:RGP10J-5025-T3
*7:QQR1113-001Z
*8:MA8091/H/-X
*9:FR105GT-T3

Note: 1. Please refer to page 2-25 for voltages of this circuit diagram.
2. Please refer to page 2-26 for waveforms of this circuit diagram.

c21244001a.001_2/2

MAIN PWB CIRCUIT DIAGRAM [AV-21MS16/H, AV-21MS26] (1/4), (2/4) SHEET 3

MAIN PWB ASS'Y (2/4) (FRONT LED)
SCW-1903A-H2 [AV-21MS16/H]
SCW-1902A-H2 [AV-21MS26]

MAIN PWB (4/4) SHEET4
(CRT SOCKET) CN10T

VIDEO-3
INPUT

HEADPHONE JACK

POWER
LED(RED)

SPEAKER
SP01
GAS0348-001
(12 WATTS/8 OHM)X2

VIDEO-1
S-VIDEO
INPUT

VIDEO-2
COMPONENT
VIDEO
INPUT

OPEN

OPEN

MAIN PWB (3/4)
SHEET4

IC702

IC701 *

MAIN MICRO COMPUTER/
TELTEXT DECODE/
IF VIDEO RGB SYNC DEF. PROCESS

AUDIO AMP

c21243001a.001_1/2

DIFFERENCE PART LIST

	AV-21MS26A	AV-21MS16HA	AV-21MS16BA
	SCW-1902A	SCW-1903A	SCW-1903B
IC701	Refer to NOTE	Refer to NOTE	TDA12201H/N1/S1
W-X	X	QAJ623G-220Z/ZA-E	X
W-Y	X	QAJ623G-150Z/ZA-E	X

MAIN PWB ASS'Y (1/4)
SCW-1903A-H2 [AV-21MS16/H]
SCW-1902A-H2 [AV-21MS26]

NOTE
BW:QUY160-050Y
X:NON MOUNT
0:NRSA63J-0R0X
*1:2SC3928A/GR/-X
*2:2SA1530A/GR/-X
*3:MA111-X
*4:NDR0199-004X
*5:UN5212-X
*6:UN5226-X
*7:KTC3199/YG/-X
*8:MA8091/H/-X
*9:MA8075/H/-X

BASS PWB
SHEET7 CN00M

Note: 1. Please refer to parts list for the part number of IC701 and IC702.
2. Please refer to page 2-25 for voltages of this circuit diagram.
3. Please refer to page 2-26 for waveforms of this circuit diagram.

MAIN PWB CIRCUIT DIAGRAM [AV-21MS16/H, AV-21MS26] (3/4), (4/4) SHEET 4

MAIN PWB (1/4) SHEET3

MAIN PWB (1/4) SHEET3 CN00T

AC110V-AC240V
50Hz/60Hz

DEG COIL

LIVE (—)

ISOLATED (⏚)

MAIN PWB ASS'Y (4/4)
(CRT SOCKET)
SCW-1903A-H2 [AV-21MS16/H]
SCW-1902A-H2 [AV-21MS26]

OPEN

ADJUSTMENT
CONNECTOR

DEF YOKE

MAIN PWB ASS'Y (3/4)
SCW-1903A-H2 [AV-21MS16/H]
SCW-1902A-H2 [AV-21MS26]

c21243001a.001_2/2

DIFFERENCE PART LIST

	AV-21MS169A / AV-21MS168A	AV-21MS168A
	SCW-1902A	SCW-1903A
VO1	A51AKL13 X29KJV-N / A51AKL13 X29KJV-N	J5 (4EA) [ ] 1613BK05
POWER CORD	QMPR1342-165-H2 / QMPR950-165-JC	QMPR1420-165-H2
R431	QRE1212 -2711 / QRE1212 -2719	X
R433	QRE1212 -1330Y / QRE1212 -332Y	X
T522	QQH0188 -001 / QQH0188 -001	QQH0214 -001
L551	QQL2026 -280 / QQL2026 -280	QQL2026 -148
C524	QFZ0196 -233 / QFZ0196 -232	QFZ0196 -252
C525	QFZ0196 -473 / QFZ0196 -472	QFZ0196 -642
C527	QFZ0197 -211 / QFZ0197 -124	QFZ0197 -114
Y570	QUY160-102Y	X / QUY160-160Y

DIFFERENCE PART LIST

	AV-21MS169A / AV-21MS168A	AV-21MS168A
	SCW-1902A	SCW-1903A
Y571	QUY160-125Y	X / QUY160-125Y
Y572	QUY160-125Y	X / QUY160-125Y
C582	QFZ0197 -124 / QFZ0197 -124	QFZ0197 -156
T521	QQS0277 -001 / QQS0388 -001	QQS0271 -001
Y951	QUY160-102Y	X / QUY160-160Y
Y957	QUY160-102Y	X / QUY160-160Y
Y965	QUY160-050Y	X / QUY160-050Y
Y966	QUY160-050Y	X / QUY160-050Y

NOTE

BW : QUY160-100Y
X : OPTION (OPEN)
0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
*3 : MA111-X
*4 : MA3100/M/-X
*5 : UN2212-X
*6 : RGP10J-5025-T3
*7 : QGR1113-001Z
*8 : MA8091/H/-X
*9 : FR105GT-T3

Note: 1. Please refer to page 2-25 for voltages of this circuit diagram.
2. Please refer to page 2-26 for waveforms of this circuit diagram.

MAIN PWB CIRCUIT DIAGRAM [AV-21MX16/G, AV-21MX16/S] (1/4), (2/4) SHEET 5

MAIN PWB (4/4) SHEET8
(CRT SOCKET)
CN10T

MAIN PWB ASS'Y (2/4) (FRONT LED)
SCW-1910A-H2 [AV-21MX16/G], SCW-1912A-H2 [AV-21MX16/S]

VIDEO-3
INPUT

HEADPHONE JACK

SPEAKER

VIDEO-1
S-VIDEO
INPUT

VIDEO-2
COMPONENT
VIDEO
INPUT

OPEN

OUTPUT

MAIN PWB
ASS'Y(3/4)
SHEET6

IC702

IC701 *

MAIN MICRO COMPUTER/
TELTEXT DECODE/
IF VIDEO RGB SYNC DEF. PROCESS

AUDIO AMP

BASS PWB
SHEET7 CN00M

c21265001a.001_1/2

MAIN PWB ASS'Y (1/4)
SCW-1910A-H2 [AV-21MX16/G]
SCW-1912A-H2 [AV-21MX16/S]

DIFFERENCE PART LIST

	AV-21MX16/G,S	AV-21MX16VA
	SCW-1910A	SCW-1912A
IC701	Refer to NOTE	Refer to NOTE
TU001	QAU0383-002	QAU0383-003
C006	CETN1H6R8-C3962	CETN1H6R8-C3962
SF101	QAF0662-001	QAF0663-001

NOTE
B:QUY160-050Y
X:NON MOUNT
0:NRSA63J-0R0X
*1:2SC3928A/GR/-X
*2:2SA1530A/GR/-X
*3:MA111-X
*4:NQR0199-004X
*5:UN5212-X
*6:UN2226-X
*7:KTC3199/YG/-X
*8:MAB091/H/-X
*9:MAB075/H/-X

Note: 1. Please refer to parts list for the part number of IC701 and IC702.
2. Please refer to page 2-25 for voltages of this circuit diagram.
3. Please refer to page 2-26 for waveforms of this circuit diagram.

MAIN PWB CIRCUIT DIAGRAM [AV-21MX16/G, AV-21MX16/S] (3/4), (4/4) SHEET 6

MAIN PWB (1/4) SHEET5

MAIN PWB (1/4) SHEET5 CN00T

AC110V-AC240V
50Hz/60Hz

DEG COIL

LIVE (—) ISOLATED (⏚)

MAIN PWB ASS'Y (4/4)
(CRT SOCKET)
SCW-1910A-H2 [AV-21MX16/G]
SCW-1912A-H2 [AV-21MX16/S]

OPEN

ADJUSTMENT
CONNECTOR

⚠ DEF YOKE

DIFFERENCE PART LIST

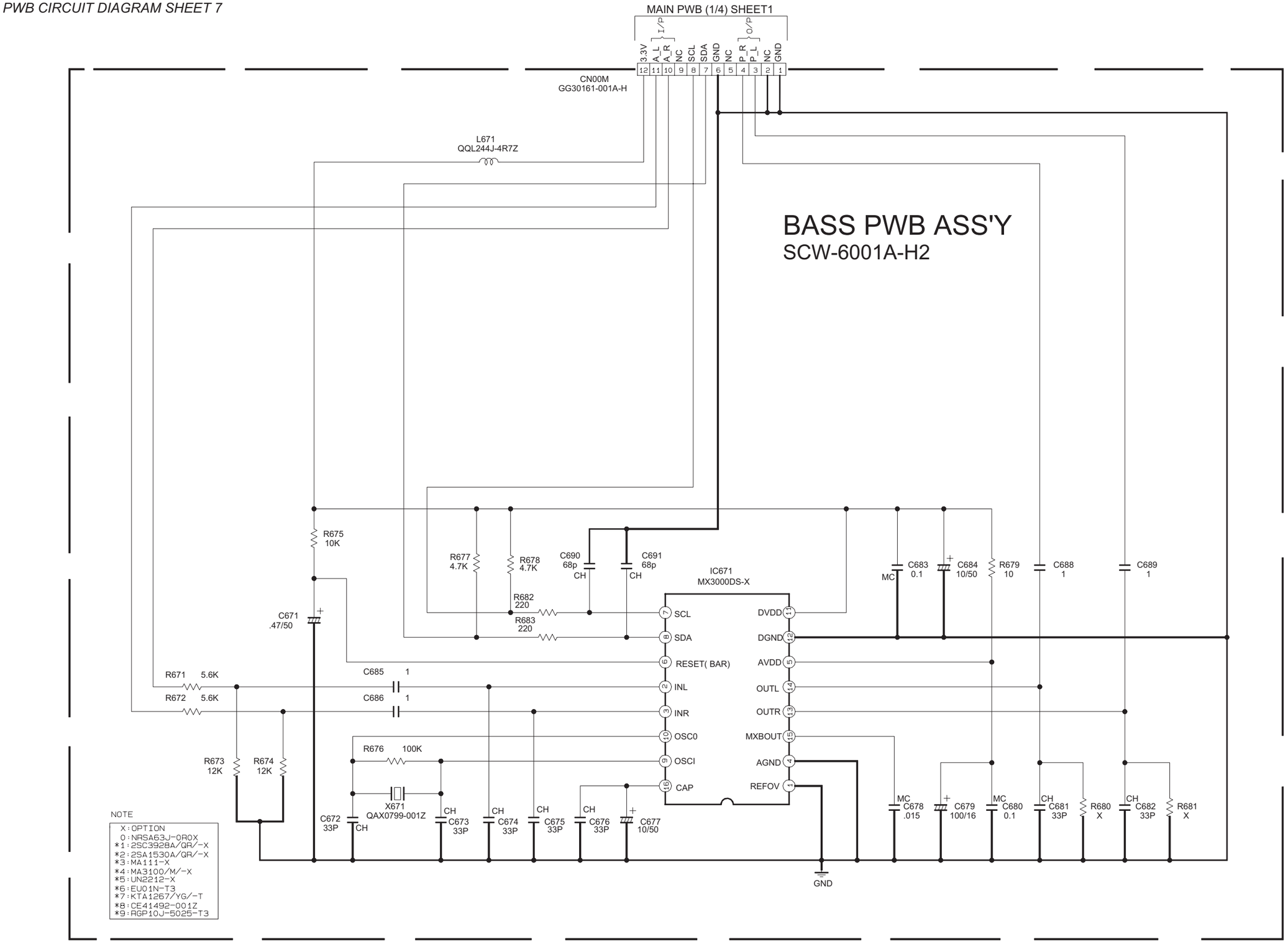
	AV-21MX16GA		AV-21M316VA
	SCW -1910A	SCW -1912A	SCW -1913A
POWER CORD	QHPR1640 -165~K2	QHPR0DQ -165~JC	QHPR0DQ -165~JC
VO1	A51AKL -13X25K/W	A51AKL -13X25K/W	A51NBA11 -X23BWKS
L01	QGMC145 -001	QGMC145 -001	QGMC145 -001
CN09N	QGA7501 C1-02	QGA7501 C1-02	QGA68001 C1-02
R431	QRE1212 -271Y	QRE1212 -271Y	X
R433	QRE1212 -330Y	QRE1212 -330Y	X
R582	QRE1212 -154Y	QRE1212 -154Y	QRE1212 -154Y
L551	QGL2026 -280	QGL2026 -280	QGL2026 -280
T522	QQH0188 -001	QQH0188 -001	QQH0218 -001
C527	QFZ0197 -124	QFZ0197 -124	QFZ0197 -116
C524	QFZ0196 -232	QFZ0196 -232	QFZ0196 -222
C525	QFZ0196 -472	QFZ0196 -472	QFZ0196 -442
C906	QEZ0476 -227	QEZ0476 -227	QEZ0633 -227
C582	QFZ0197 -124	QFZ0197 -124	QFZ0197 -154

NOTE

BW:QUY160-100Y
X:OPTION (OPEN)
0:NRSA63J-0ROX
*1:2SC3928A/QR/-X
*2:2SA1530A/QR/-X
*3:MA111-X
*4:MA3100/M/-X
*5:UN2212-X
*6:RGP10J-5025-T3
*7:GQR1113-001Z
*8:MA8091/H/-X
*9:FR105GT-T3

Note: 1. Please refer to page 2-25 for voltages of this circuit diagram.
2. Please refer to page 2-26 for waveforms of this circuit diagram.

c21265001a.001_2/2

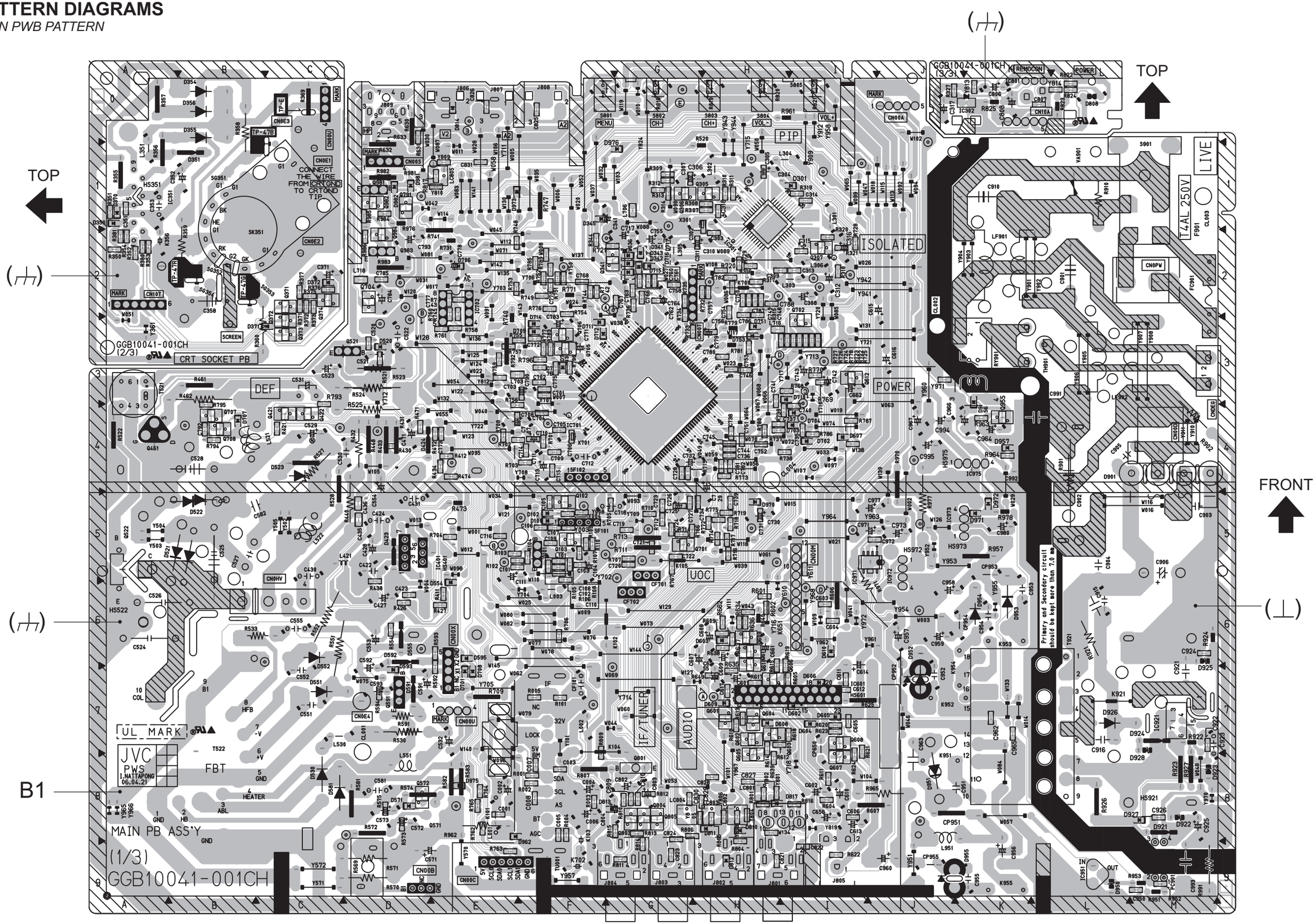


Note: 1. Please refer to page 2-25 for voltages of this circuit diagram.

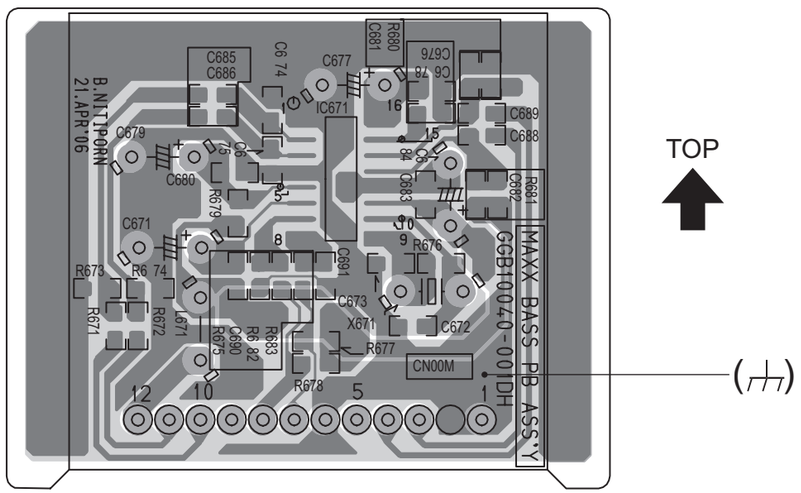
c21257001a.001

PATTERN DIAGRAMS

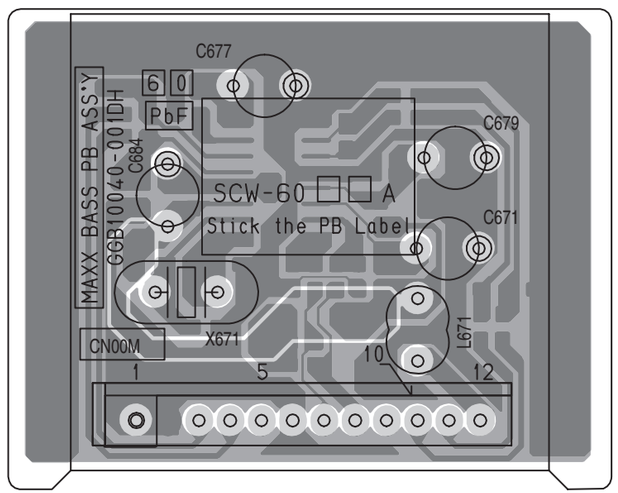
MAIN PWB PATTERN



BASS PWB PATTERN [SOLDER SIDE]



BASS PWB PATTERN [PARTS SIDE]



VOLTAGE CHARTS

<MAIN PWB>

MODE PIN NO.	DC (V)
IC401	
1	0.5
2	13.7
3	-11.7
4	-13.8
5	0.2
6	13.9
7	0.4
IC601	
1	0
2	NC
3	0
4	NC
5	25.9
6	NC
7	0
8	NC
9	0
10	NC
11	0.5
12	NC
13	12.9
14	NC
15	0.7
16	NC
17	0
18	NC
19	27.2
20	NC
21	16.7
22	NC
23	12.8
IC701	
1	0
2	0
3	1.9
4	3.3
5	3.1
6	0
7	3.2
8	0
9	3.2
10	1.5
11	1.3
12	0
13	0.1
14	2.5
15	4.9
16	1.9
17	2.3
18	0
19	2.3
20	2.3
21	0
22	0.8
23	0.9
24	1.9
25	1.9
26	2.3
27	1.9
28	0.2
29	1.9
30	1.0
31	4.3
32	3.1
33	2.2
34	2.1
35	2.2
36	3.5
37	3.4
38	2.2
39	2.5
40	0
41	3.0
42	1.4
43	2.7
44	2.2
45	8.3
46	2.0
47	5.0
48	1.3
49	2.2
50	2.0
51	1.5
52	1.4
53	2.2
54	2.1
55	1.3
56	2.2
57	1.3
58	1.8
59	1.4
60	1.3
61	3.7
62	1.3
63	3.5
64	0.5

MODE PIN NO.	DC (V)
65	1.9
66	1.4
67	1.5
68	0.2
69	4.9
70	1.3
71	1.4
72	1.3
73	2.0
74	1.7
75	0.4
76	0
77	3.3
78	1.3
79	1.3
80	1.3
81	0
82	4.9
83	2.1
84	3.4
85	2.1
86	2.1
87	2.1
88	3.3
89	0
90	3.3
91	1.6
92	0
93	1.9
94	3.3
95	0
96	1.9
97	3.0
98	0.1
99	0.1
100	2.1
101	0
102	2.4
103	2.5
104	0
105	0.2
106	2.6
107	0
108	2.2
109	1.1
110	3.3
111	0
112	3.3
113	0
114	3.3
115	1.1
116	2.6
117	1.9
118	1.8
119	3.3
120	3.1
121	0
122	3.3
123	0.1
124	1.9
125	0
126	3.3
127	3.2
128	3.2
IC702	
1	0
2	0
3	0
4	0
5	3.2
6	3.2
7	0
8	3.3
IC921	
1	125.4
2	NC
3	0
4	19.7
5	4.0
6	1.7
7	0.3
IC951	
1	135.5
2	9.4
3	0
IC971	-
IC972	
1	6.4
2	3.3
3	0
4	6.4
IC973	
1	15.4
2	11.8
3	0
4	2.5

MODE PIN NO.	DC (V)
IC975	
1	8.2
2	4.8
3	0.2
4	2.5
Q101	
E	2.4
C	11.8
B	3.1
Q102	
E	0
C	0.2
B	3.1
Q103	
E	0
C	0.1
B	3.1
Q305	-
Q306	-
Q307	-
Q341	
E	11.8
C	1.0
B	11.8
Q421	
E	0
C	0
B	0.6
Q422	
E	1.1
C	1.3
B	0
Q521	
E	0
C	10.9
B	0
Q522	
E	0
C	122.0
B	-0.1
Q571	
E	135.4
C	0
B	135.1
Q572	
E	0
C	3.2
B	-0.7
Q601	
E	11.8
C	0.4
B	11.8
Q602	
E	0.2
C	-0.2
B	0
Q603	
E	0
C	0
B	-0.3
Q605	
E	0
C	0
B	-0.2
Q607	
E	0.1
C	0
B	0.6
Q608	
E	0
C	18.5
B	0
Q609	
E	0
C	0
B	0
Q611	
E	0
C	0
B	0
Q612	
E	0
C	5.0
B	0
Q704	
E	0
C	2.5
B	0
Q705	
S	0
D	0.2
G	1.9
Q706	
S	0
D	0
G	1.9

MODE PIN NO.	DC (V)
Q707	
E	0
C	1.2
B	0
Q708	
E	1.2
C	1.3
B	4.9
Q791	
E	0
C	2.9
B	0
Q801	
E	2.2
C	0
B	1.5
Q803	
E	0.5
C	0
B	0
Q804	
E	0
C	0
B	0.2
Q805	
E	0.2
C	0
B	0
Q955	
E	0
C	11.8
B	0
Q981	
E	2.9
C	1.9
B	2.2
Q982	
E	1.9
C	2.2
B	2.5
Q983	
E	2.9
C	1.8
B	2.2
Q984	
E	1.9
C	2.2
B	2.5
TU001	
1	4.3
2	0.5
3	0
4	2.2
5	2.2
6	4.9
7	4.9
8	0.7
9	35.1
11	0

<MAIN PWB>
(FRONT LED)

MODE PIN NO.	DC (V)
IC302	
1	2.6
2	3.3
IC801	
1	3.0
2	3.3
3	0

<MAIN PWB>
(CRT SOCKET)

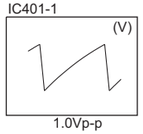
MODE PIN NO.	DC (V)
IC351	
1	2.2
2	2.1
3	2.1
4	0
5	4.6
6	194.7
7	118.3
8	118.3
9	115.8

<BASS PWB>

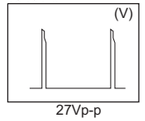
MODE PIN NO.	DC (V)
IC671	
1	0
2	1.2
3	1.2
4	0
5	3.2
6	3.3
7	2.3
8	2.1
9	1.4
10	1.5
11	3.3
12	0
13	1.6
14	1.6
15	0.1
16	1.2

WAVEFORMS

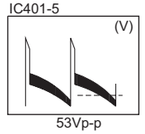
-MAIN PWB-

IC401-1


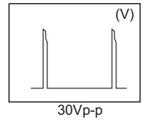
1.0Vp-p

IC401-3


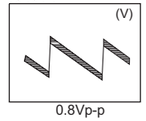
27Vp-p

IC401-5


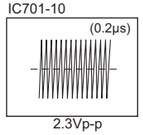
53Vp-p

IC401-6


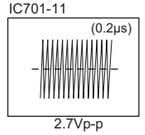
30Vp-p

IC401-7


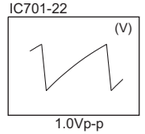
0.8Vp-p

IC701-10


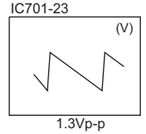
2.3Vp-p

IC701-11


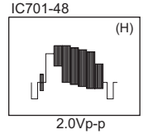
2.7Vp-p

IC701-22


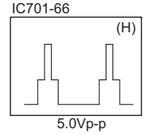
1.0Vp-p

IC701-23


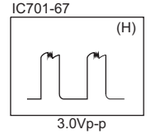
1.3Vp-p

IC701-48


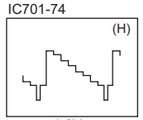
2.0Vp-p

IC701-66


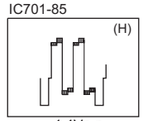
5.0Vp-p

IC701-67


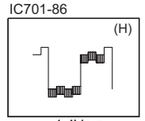
3.0Vp-p

IC701-74


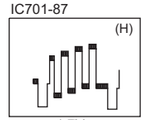
1.2Vp-p

IC701-85


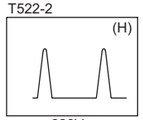
1.4Vp-p

IC701-86


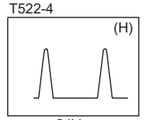
1.4Vp-p

IC701-87


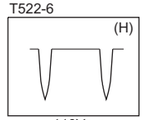
1.7Vp-p

T522-2


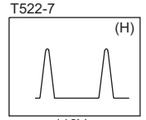
220Vp-p

T522-4


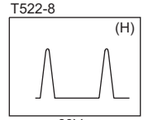
24Vp-p

T522-6


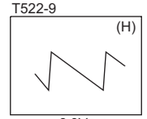
110Vp-p

T522-7


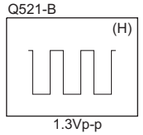
110Vp-p

T522-8


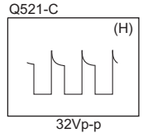
60Vp-p

T522-9


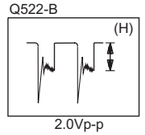
6.0Vp-p

Q521-B


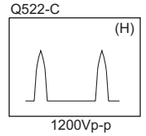
1.3Vp-p

Q521-C


32Vp-p

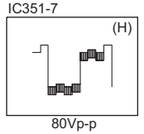
Q522-B


2.0Vp-p

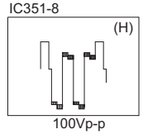
Q522-C


1200Vp-p

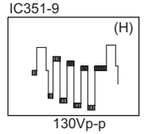
-CRT SOCKET PWB-

IC351-7


80Vp-p

IC351-8


100Vp-p

IC351-9


130Vp-p

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